

FIG. 1

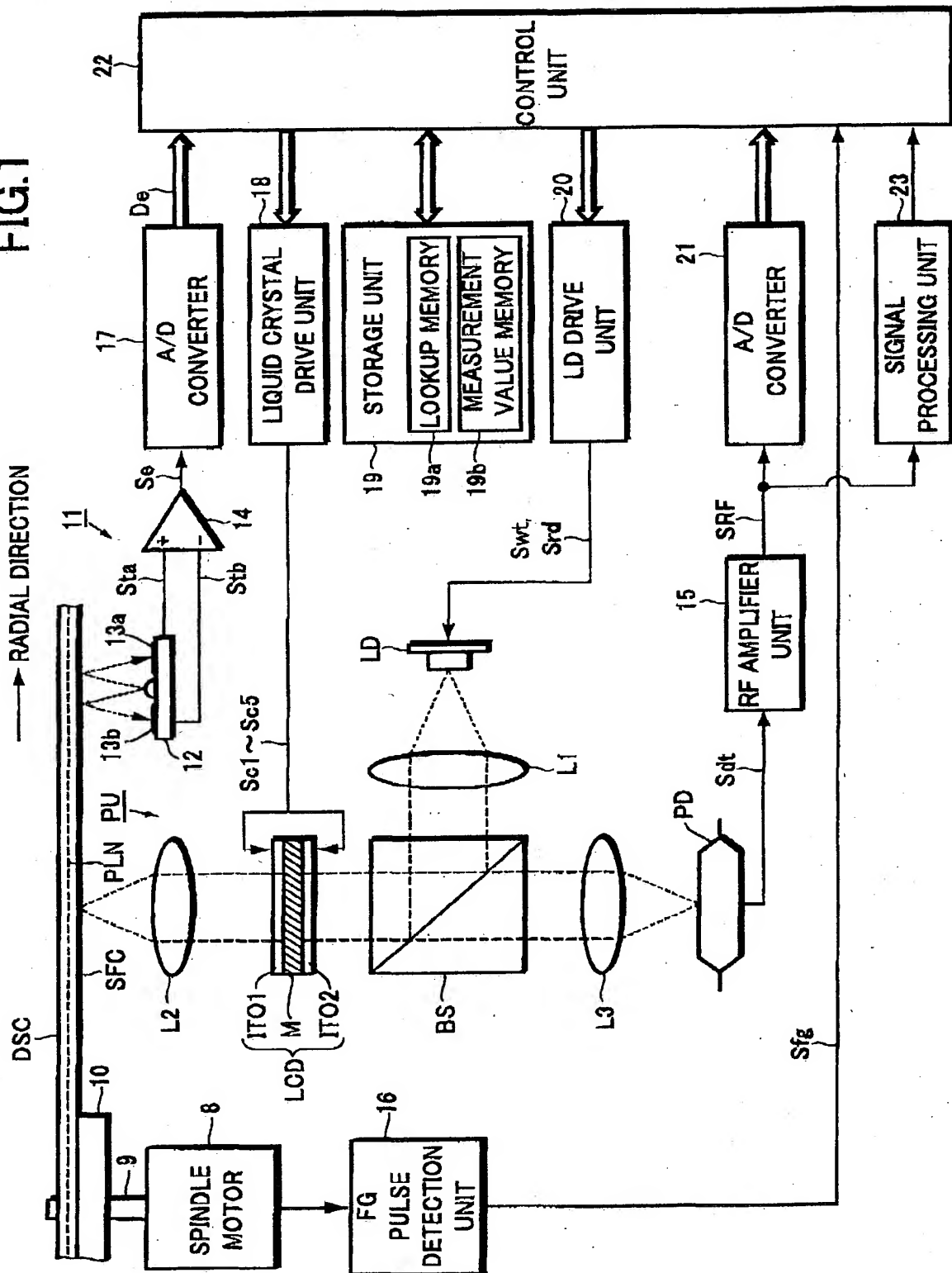


FIG.2 A

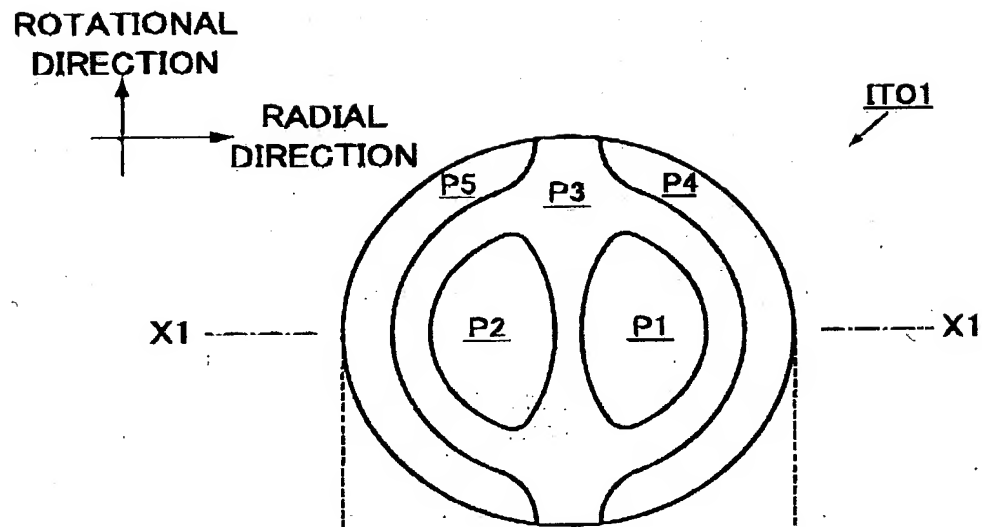


FIG.2 B

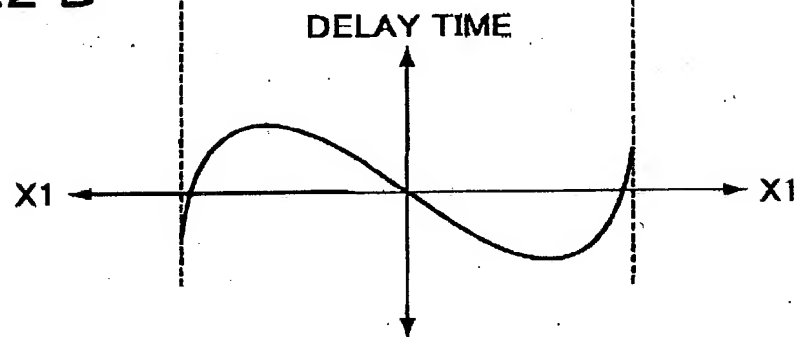


FIG.3 A

TILT ANGLE	PRE-MEASURED TILT ERROR DATA	VOLTAGE VALUE DATA OF PRE-MEASURED DRIVE SIGNAL
$\Delta \theta$	$\text{Der}(\Delta \theta)$	$V1(\Delta \theta) \sim V5(\Delta \theta)$
$2 \times \Delta \theta$	$\text{Der}(2 \times \Delta \theta)$	$V1(2 \times \Delta \theta) \sim V5(2 \times \Delta \theta)$
\vdots	\vdots	\vdots
$n \times \Delta \theta$	$\text{Der}(n \times \Delta \theta)$	$V1(n \times \Delta \theta) \sim V5(n \times \Delta \theta)$
$-\Delta \theta$	$\text{Der}(-\Delta \theta)$	$V1(-\Delta \theta) \sim V5(-\Delta \theta)$
$-2 \times \Delta \theta$	$\text{Der}(-2 \times \Delta \theta)$	$V1(-2 \times \Delta \theta) \sim V5(-2 \times \Delta \theta)$
\vdots	\vdots	\vdots
$-n \times \Delta \theta$	$\text{Der}(-n \times \Delta \theta)$	$V1(-n \times \Delta \theta) \sim V5(-n \times \Delta \theta)$

FIG.3 B

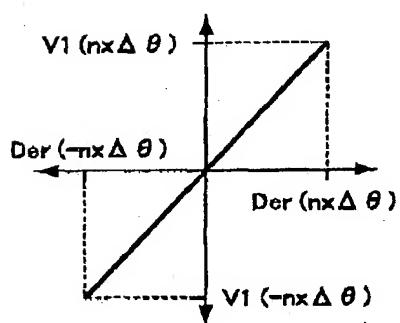


FIG.3 C

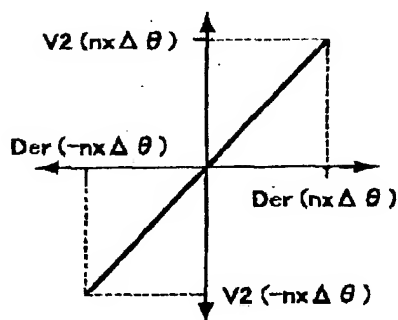


FIG.3 D

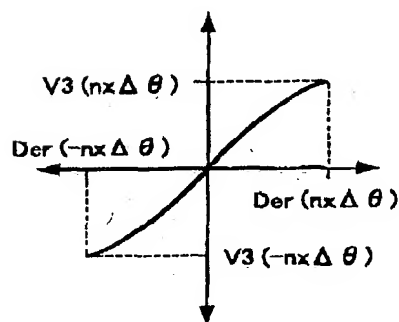


FIG.3 E

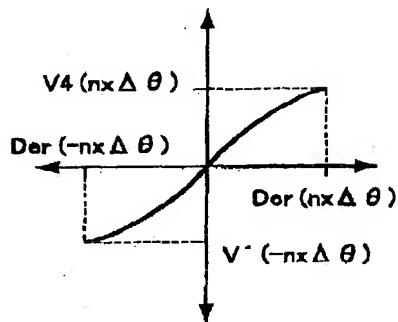


FIG.3 F

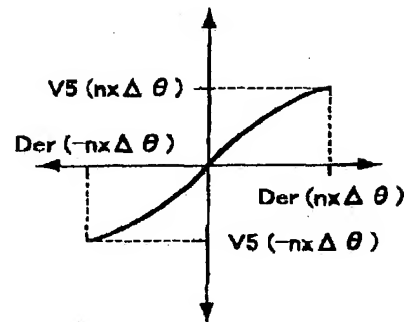


FIG.4

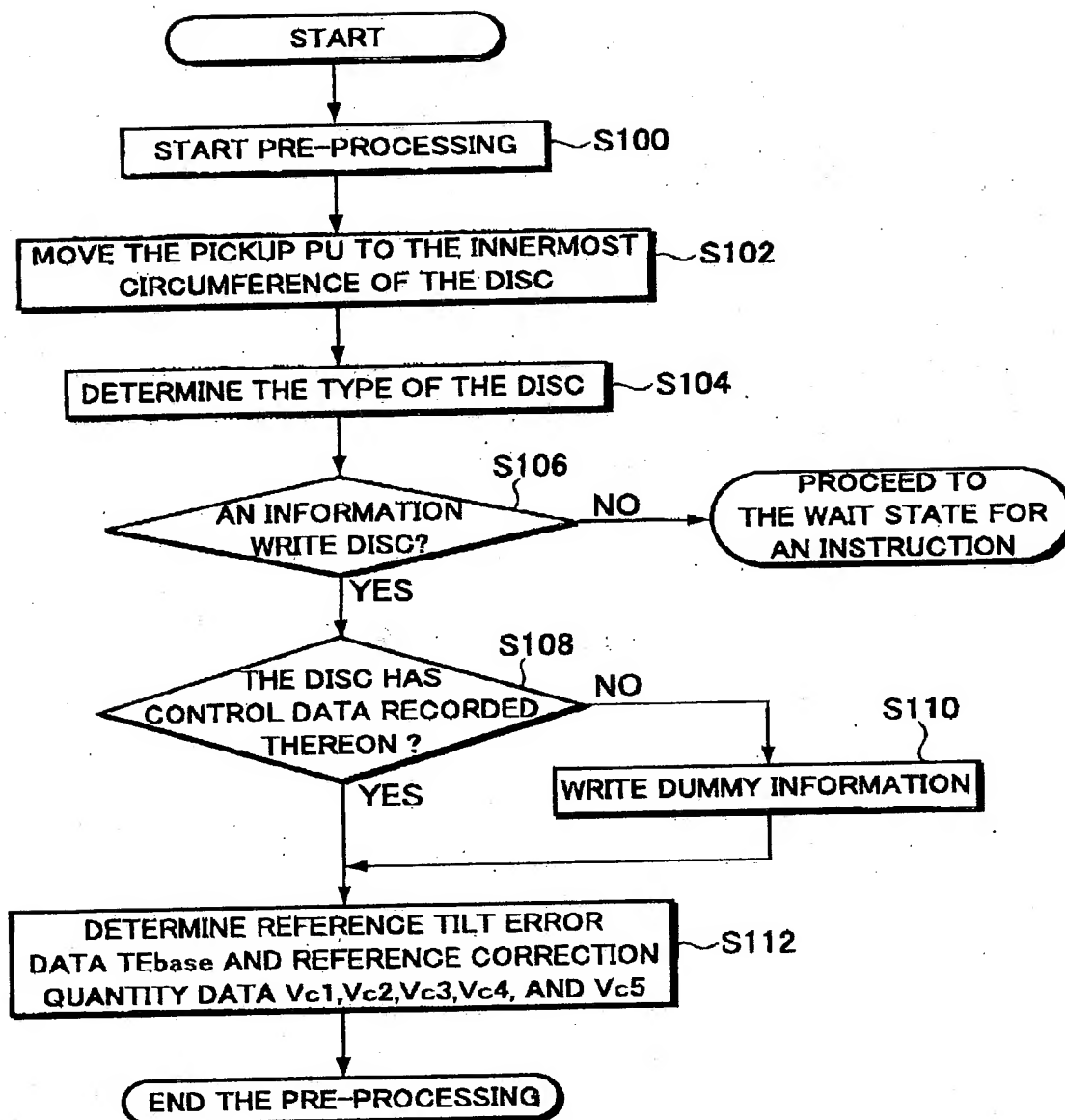


FIG.5

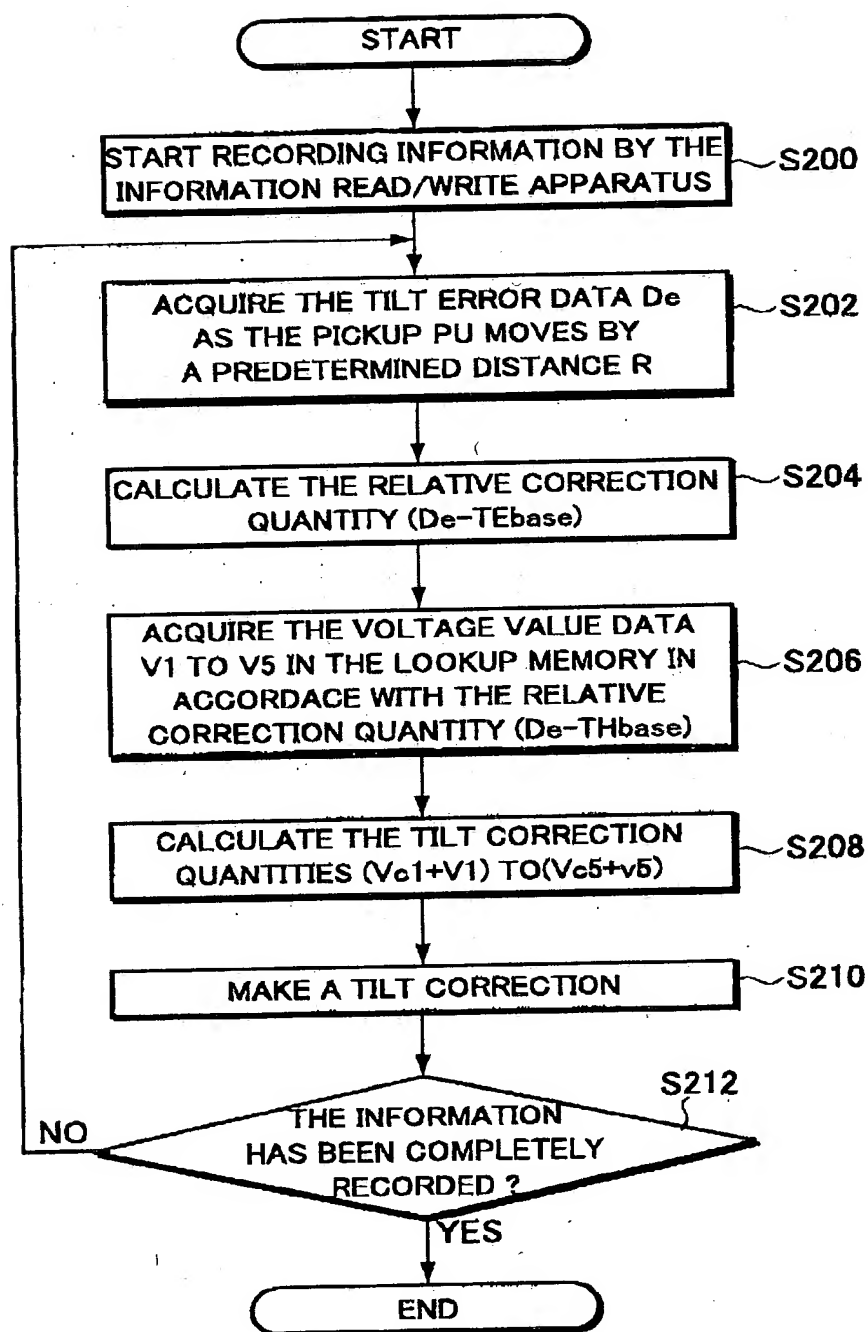


FIG.6 A

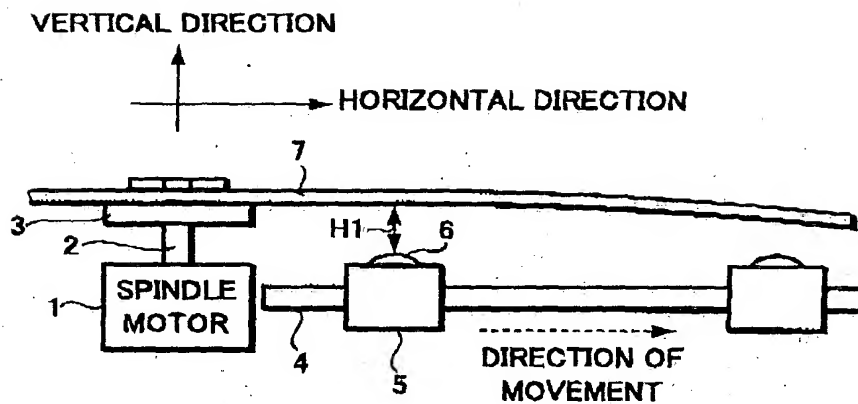


FIG.6 B

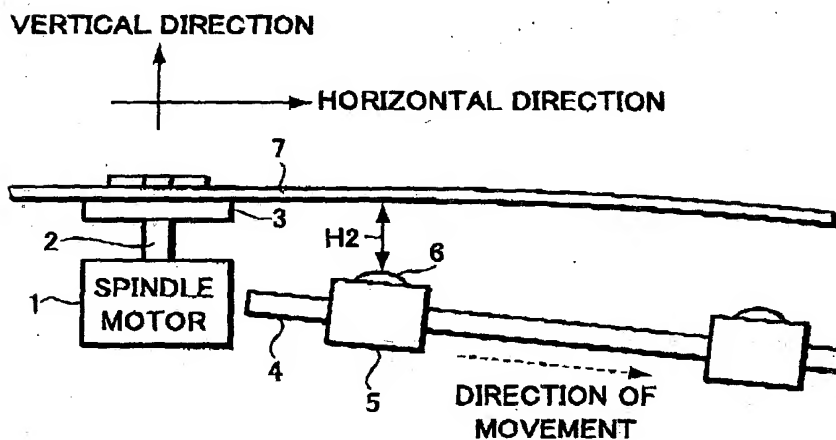


FIG.6 C

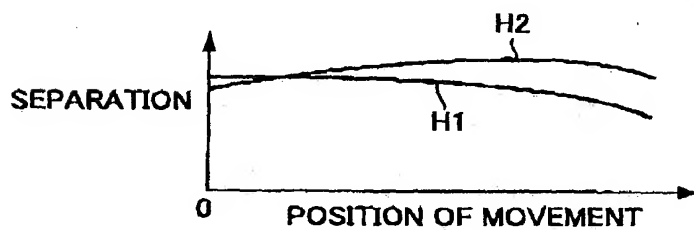


FIG.7 A

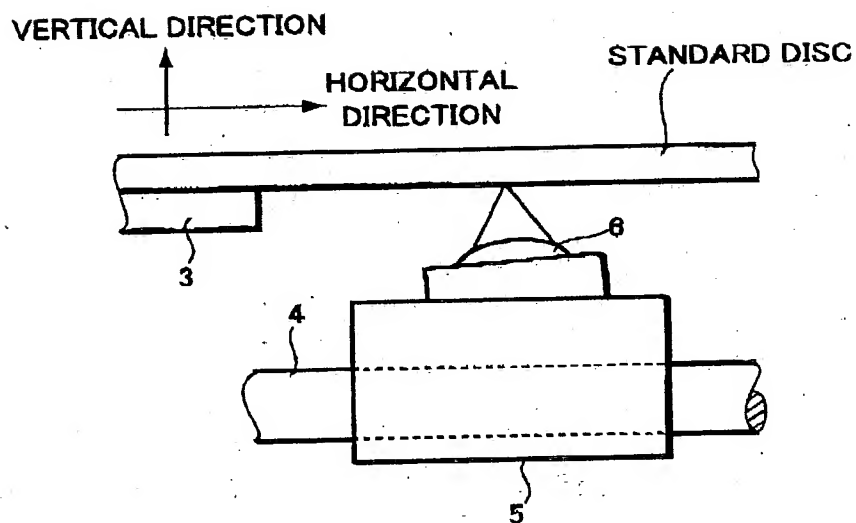
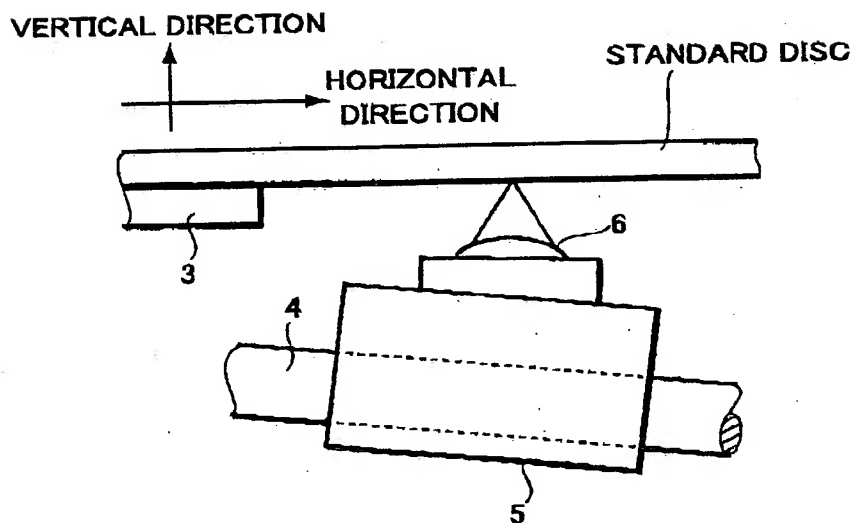


FIG.7 B



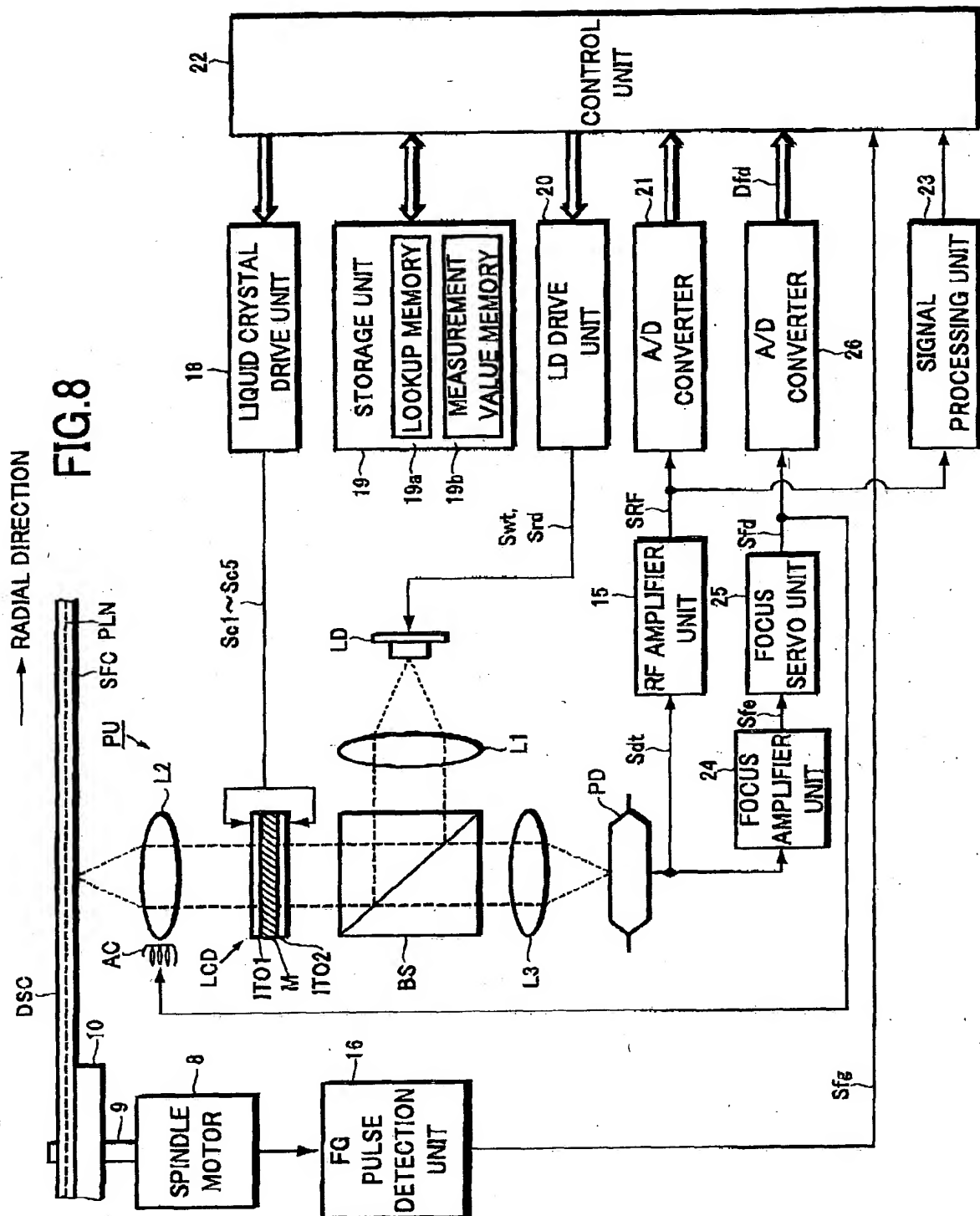


FIG.9

TILT ANGLE	VOLTAGE VALUE DATA OF PRE-MEASURED DRIVE SIGNAL
$\Delta \theta$	$V1(\Delta \theta) \sim V5(\Delta \theta)$
$2 \times \Delta \theta$	$V1(2 \times \Delta \theta) \sim V5(2 \times \Delta \theta)$
\vdots	\vdots
$n \times \Delta \theta$	$V1(n \times \Delta \theta) \sim V5(n \times \Delta \theta)$
$-\Delta \theta$	$V1(-1 \Delta \theta) \sim V5(-\Delta \theta)$
$-2 \times \Delta \theta$	$V1(-2 \times \Delta \theta) \sim V5(-2 \times \Delta \theta)$
\vdots	\vdots
$-n \times \Delta \theta$	$V1(-n \times \Delta \theta) \sim V5(-n \times \Delta \theta)$

FIG.10

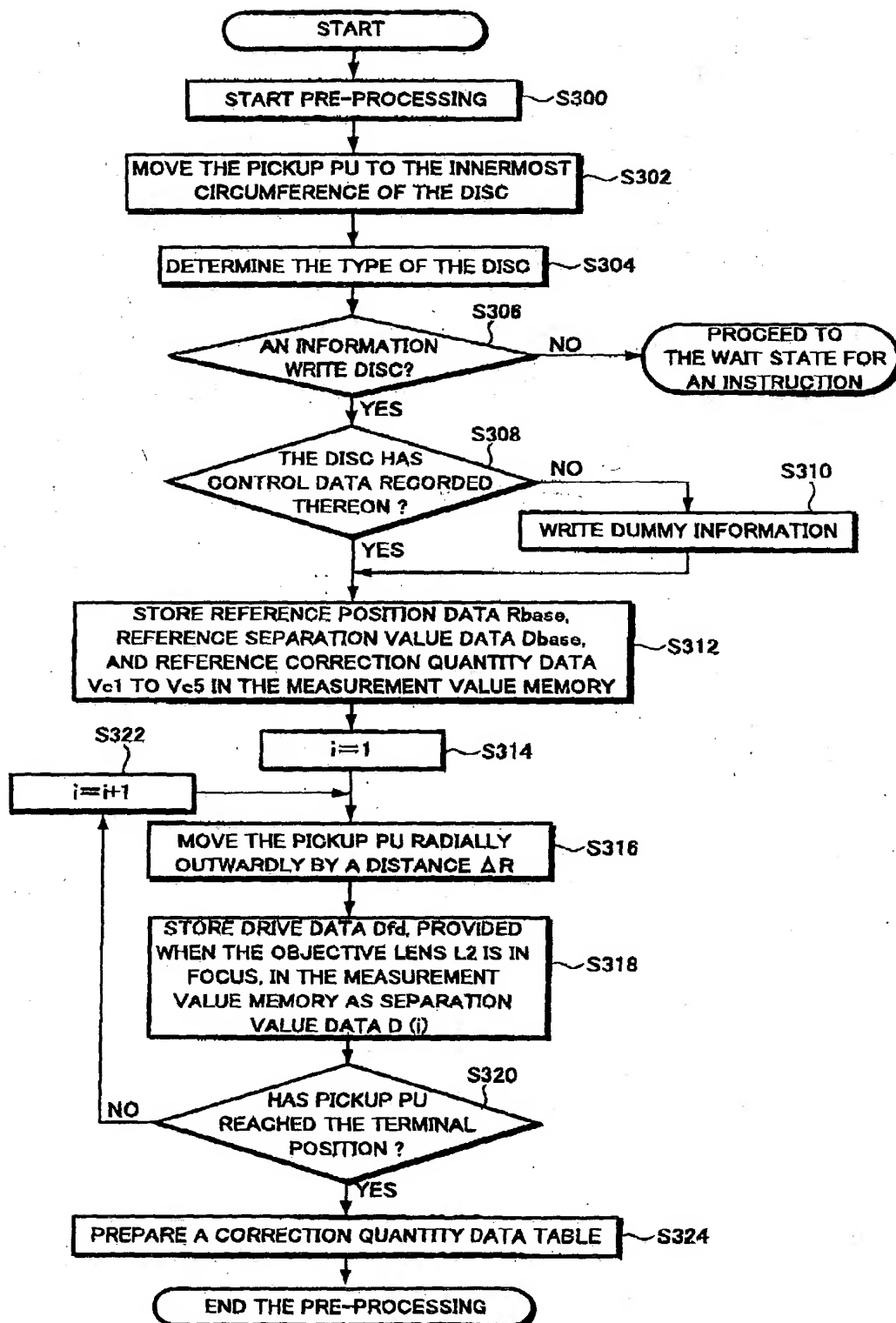


FIG.11

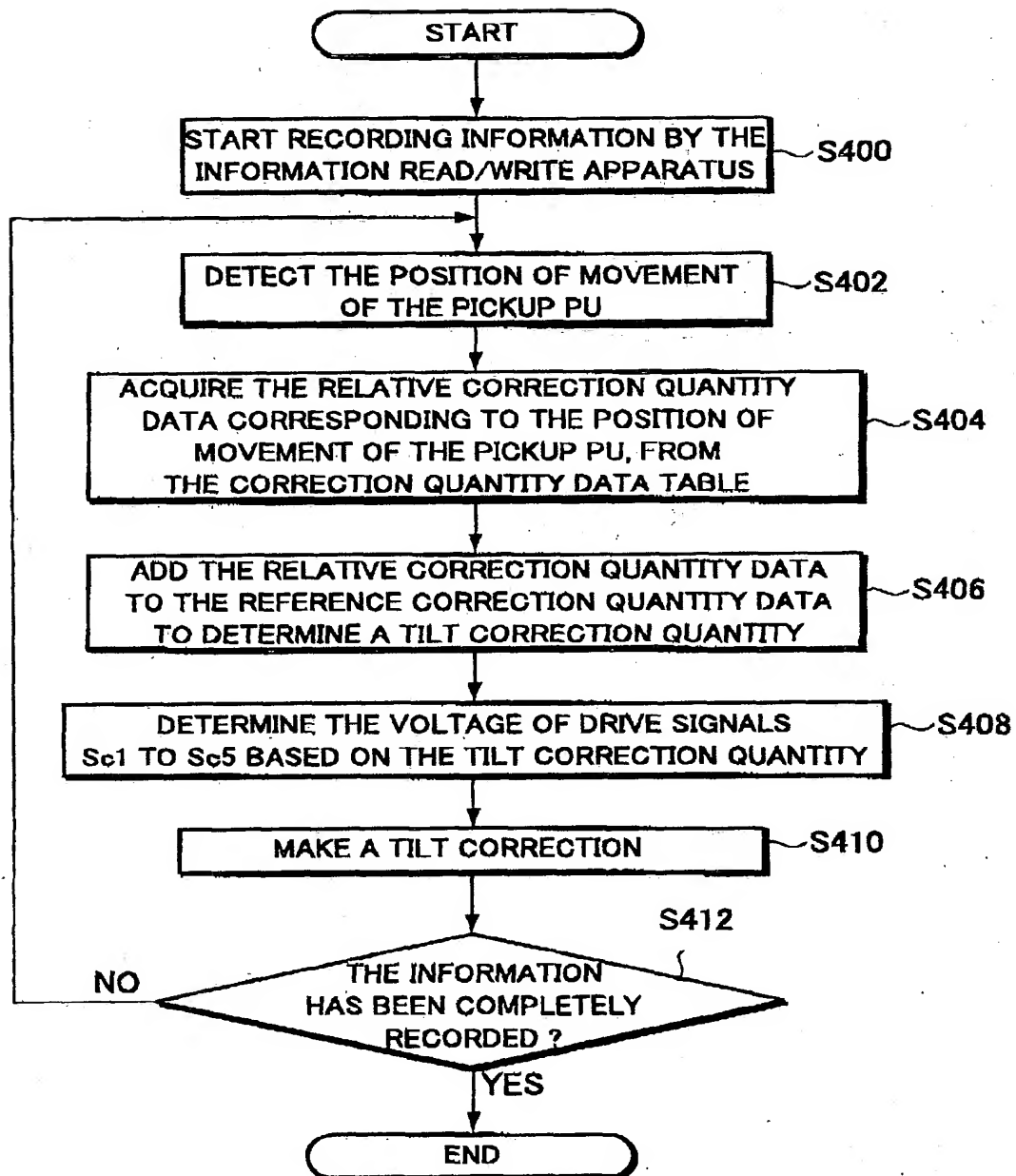


FIG.12

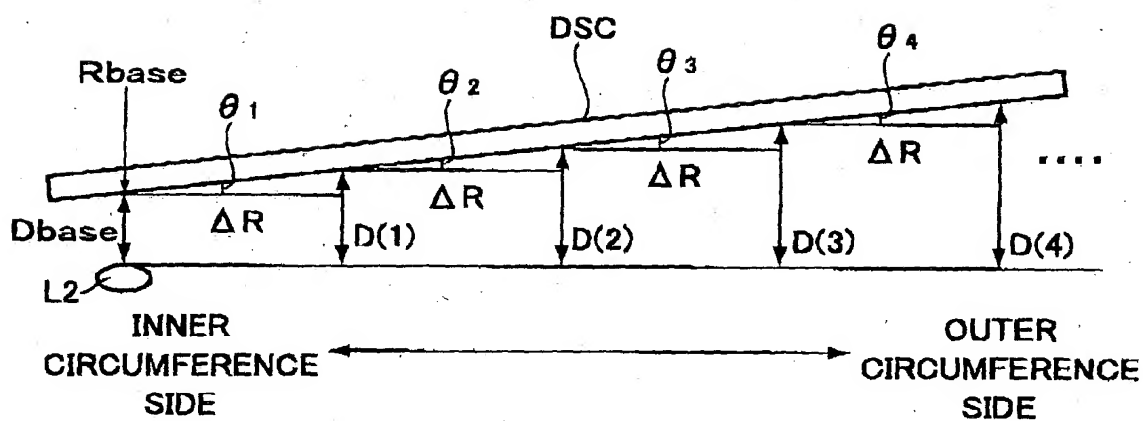


FIG.13

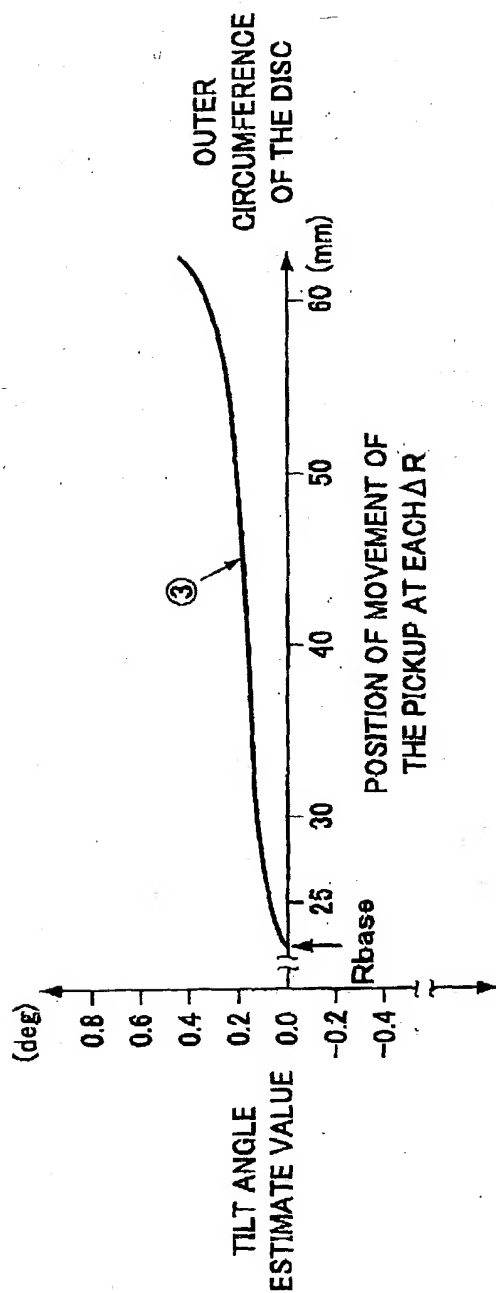


FIG.14

